



SRS for ~~Passport~~ Passport Automation System

1. Introduction

1.1 Purpose of the document to specify the software requirements for a passport automation system.

1.2 Scope of this document: users can apply for passports online, track the status of their applications & receive notifications for document submission & appointment scheduling; allows staff to verify applications, manage appointments and process passport issuance.

1.3 Overview: outlines the requirements and procedures involved.

2. General Description

2.1 ~~Product~~ Product Perspective:

- Submit passport applications online with personal details, upload required documents and track the application status.

- Schedule appointments for document verification and biometric data submission.

• Staff's Perspective:

- Access applicant details, verify submitted documents, and schedule appointments for in-person verifications.



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- Manage passport issuance and passport delivery status across

2.2 Product Functions:-

- Submit passport application
- Upload required documents and track application status
- Schedule and manage appointments
- Passport verification and issuance
- Generate reports on pending and processed applications

2.3 User Characteristics

- Users include applicants and staff
- Applicants must have basic computer literacy
- Staff must be familiar with doc verification and passport issuance processes

2.4 General Constraints:

- The system must operate in compliance with legal requirements for passport issuance.
- Users must have valid identification
- The system must ensure real time updates on application status.

2.5 Assumption and Dependencies:

Applicants will provide accurate personal and document info.



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3. Functional Requirements:

Passport Application System, Appointment Management System, Verification and Issuance System, Notification System.

4. Interface Requirements:

User Interface, API interface, Database interface.

5. Performance Requirements:

Response Time, Availability, Fault Tolerance, Security.

6. Design Constraints:

Database Structure, Microservice Architecture, Integration with Existing Systems, Hardware Limitations.

2. Non-Functional Requirements

1) Performance: Should process documents and ^{application submit} ^{with}

2) Scalability:

The system must support concurrent users submitting and ~~receiving~~ ^{processing} applications.

3) Security:

Sensitive data such as passport details, biometric info, and personal documents must be encrypted and protected

from unauthorised access

4) Usability:

Should offer an intuitive interface that requires minimal training for

applicants and staff.

8. Preliminary Schedule and Budget

The passport automation system project is estimated to take approx 6 months to complete. The total budget required is estimated to be around ₹50 Lakhs.